

CAS/STN FILE 'WPIX' ENTERED AT 14:18:30 ON 23 JAN 2008

L1 1 SEA ABB=ON PLU=ON DE10042132/PN
 L2 SEL PLU=ON L1 1- PN : 1 TERM

FILE 'DPCI' ENTERED AT 14:18:57 ON 23 JAN 2008

L3 1 SEA ABB=ON PLU=ON DE10042132/PN.D

FILE 'STNGUIDE' ENTERED AT 14:19:48 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 14:59:06 ON 23 JAN 2008

L4 3078 SEA ABB=ON PLU=ON (LASER##### OR BEAM OR IRRADIAT##### OR
 RADIATION OR ELECTROMAGNETIC(2A) (HEAT#### OR ENERGY)) (5A)?SINTER?

FILE 'STNGUIDE' ENTERED AT 14:59:12 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 15:11:51 ON 23 JAN 2008

L5 297347 SEA ABB=ON PLU=ON (?PARTICL? OR ?PARTICULAT? OR DUST? OR DOT
 OR GRIT? OR ?GRAIN? OR ?GRANUL? OR ?POWDER? OR FINES? OR
 PRILL? OR FLAKE? OR ?PELLET? OR BB OR MICROSPHERE OR NANOSPHERE
) (4A) (SINTER#### OR METAL OR METALLIC OR AL OR CU OR ALUMINUM
 OR ALUMINIUM OR COPPER OR ELECTRIC####(2A)CONDUCT####)
 L6 1196 SEA ABB=ON PLU=ON L4 AND L5

FILE 'HCAPLUS' ENTERED AT 15:12:48 ON 23 JAN 2008

L7 846 SEA ABB=ON PLU=ON (LASER##### OR BEAM OR IRRADIAT##### OR
 RADIATION OR ELECTROMAGNETIC) (4A) (CONSOLIDAT##### OR SOLIDIF###
 ###)
 L8 81 SEA ABB=ON PLU=ON (?PARTICL? OR ?PARTICULAT? OR DUST? OR DOT
 OR GRIT? OR ?GRAIN? OR ?GRANUL? OR ?POWDER? OR FINES? OR
 PRILL? OR FLAKE? OR ?PELLET? OR BB OR MICROSPHERE OR NANOSPHERE
) (4A) (SINTER#### OR METAL OR METALLIC OR AL OR CU OR ALUMINUM
 OR ALUMINIUM OR COPPER OR ELECTRIC####(2A)CONDUCT####) AND L7
 L9 1266 SEA ABB=ON PLU=ON L6 OR L8

FILE 'STNGUIDE' ENTERED AT 15:13:14 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 15:14:54 ON 23 JAN 2008

L10 42 SEA ABB=ON PLU=ON L9 AND (PROJECTION OR ROUGH##### OR
 BUMP##### OR FEATURES OR IRREGULAR##### ?PORE? OR ?POROUS? OR
 ?POROS? OR VOID OR MICROVOID OR NANOVOID) (3A) SURFACE
 L11 22 SEA ABB=ON PLU=ON L9 AND SURFACE(2A) AREA
 L12 3 SEA ABB=ON PLU=ON L9 AND SURFACE(4A) (PEAK#### OR VALLEY#####
 OR ?PATTERN?)
 L13 44 SEA ABB=ON PLU=ON L9 AND ?LAYERED
 L14 7 SEA ABB=ON PLU=ON L9 AND ?LAYERING
 L15 1 SEA ABB=ON PLU=ON L9 AND BUILTUP
 L16 0 SEA ABB=ON PLU=ON L9 AND BUILDUP
 L17 15 SEA ABB=ON PLU=ON L9 AND BUILD UP
 L18 6 SEA ABB=ON PLU=ON L9 AND BUILT UP
 L19 24 SEA ABB=ON PLU=ON L9 AND MULTILAYER?
 L20 7 SEA ABB=ON PLU=ON L9 AND MULTI LAYER?

FILE 'STNGUIDE' ENTERED AT 15:16:35 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 15:17:51 ON 23 JAN 2008

L21 0 SEA ABB=ON PLU=ON L9 AND (SUBLAYER? OR OVERLAYER? OR
 SUCCEE##### (3A) (?COAT? OR LAYER? OR ?MEMBRAN? OR FILM))

FILE 'STNGUIDE' ENTERED AT 15:17:51 ON 23 JAN 2008

L22 FILE 'HCAPLUS' ENTERED AT 15:18:07 ON 23 JAN 2008
0 SEA ABB=ON PLU=ON L9 AND (SUB LAYER? OR OVER LAYER?)

FILE 'STNGUIDE' ENTERED AT 15:18:11 ON 23 JAN 2008

L23 FILE 'HCAPLUS' ENTERED AT 15:18:36 ON 23 JAN 2008
24 SEA ABB=ON PLU=ON L9 AND (RESISTIVIT#### OR RESISTANCE) (1A)EL
ECTRIC#####

FILE 'STNGUIDE' ENTERED AT 15:18:40 ON 23 JAN 2008

L24 FILE 'HCAPLUS' ENTERED AT 15:18:52 ON 23 JAN 2008
27 SEA ABB=ON PLU=ON L9 AND CONDUCT##### (1A)ELECTRIC#####

FILE 'HCAPLUS' ENTERED AT 15:19:14 ON 23 JAN 2008

L25 1 SEA ABB=ON PLU=ON L9 AND CONDUCT? (1T)ELECTRO?

FILE 'STNGUIDE' ENTERED AT 15:19:19 ON 23 JAN 2008

L26 FILE 'HCAPLUS' ENTERED AT 15:20:14 ON 23 JAN 2008
21 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND SURFACE##### (6A)METAL#####

FILE 'STNGUIDE' ENTERED AT 15:20:19 ON 23 JAN 2008

L27 FILE 'HCAPLUS' ENTERED AT 15:20:28 ON 23 JAN 2008
19 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND SURFACE##### AREA

FILE 'STNGUIDE' ENTERED AT 15:20:35 ON 23 JAN 2008

L28 FILE 'HCAPLUS' ENTERED AT 15:21:13 ON 23 JAN 2008
27 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND CONDUCT##### (1A)ELECTRIC#####

FILE 'HCAPLUS' ENTERED AT 15:21:23 ON 23 JAN 2008

L29 0 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND CONDUCT##### (1A)RESIST#####

FILE 'HCAPLUS' ENTERED AT 15:21:33 ON 23 JAN 2008

L30 24 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND ELECTRIC##### (1A)RESIST#####

FILE 'HCAPLUS' ENTERED AT 15:21:47 ON 23 JAN 2008

L31 6 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND GRADIENT

L32 1 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND COIL

FILE 'HCAPLUS' ENTERED AT 15:21:47 ON 23 JAN 2008

L33 2 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND ?COIL

L34 1 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND MAGNET

L35 0 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND MRI

L36 1 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND MAGNETIC RESONANCE

L37 0 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND NUCLEAR MAGNETIC

FILE 'STNGUIDE' ENTERED AT 15:22:42 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 15:22:59 ON 23 JAN 2008

L38 0 SEA ABB=ON PLU=ON US20070216411/PN

FILE 'STNGUIDE' ENTERED AT 15:23:13 ON 23 JAN 2008

FILE 'WPIX' ENTERED AT 15:23:46 ON 23 JAN 2008

L39 1 SEA ABB=ON PLU=ON US20070216411/PN

L40 SEL PLU=ON L39 1- IC IPC : 8 TERMS

FILE 'HCAPLUS' ENTERED AT 15:24:13 ON 23 JAN 2008

L41 5674 SEA ABB=ON PLU=ON L40

L42 29 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND L41

FILE 'STNGUIDE' ENTERED AT 15:24:16 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 15:25:06 ON 23 JAN 2008

L43 111 SEA ABB=ON PLU=ON ((L26 OR L27 OR L28 OR L29 OR L30 OR L31
OR L32 OR L33 OR L34 OR L35 OR L36 OR L37 OR L38) OR L42)

L44 103 SEA ABB=ON PLU=ON L43 AND ?SINTER?

L45 76 SEA ABB=ON PLU=ON L43 AND LASER?

L46 57 SEA ABB=ON PLU=ON L43 AND SURFACE

L47 36 SEA ABB=ON PLU=ON L44 AND L45 AND L46

L48 1 SEA ABB=ON PLU=ON L47 AND CONDUCTOR

L49 0 SEA ABB=ON PLU=ON L47 AND CONDUCTING

L50 2 SEA ABB=ON PLU=ON L47 AND CONDUCTIVE

L51 6 SEA ABB=ON PLU=ON L47 AND CONDUCTIV####

L52 2 SEA ABB=ON PLU=ON L47 AND RESISTANCE

L53 1 SEA ABB=ON PLU=ON L47 AND RESISTIV####

L54 9 SEA ABB=ON PLU=ON (L48 OR L49 OR L50 OR L51 OR L52 OR L53)

L55 SEL PLU=ON L54 1- RN : 31 TERMS

L56 2004651 SEA ABB=ON PLU=ON L55

L57 8 SEA ABB=ON PLU=ON L54 AND L56

L58 9 SEA ABB=ON PLU=ON L54 OR L57

FILE 'STNGUIDE' ENTERED AT 15:26:53 ON 23 JAN 2008

FILE 'REGISTRY' ENTERED AT 15:30:00 ON 23 JAN 2008

L59 24083 SEA ABB=ON PLU=ON COPPER ALLOY AND AL/MAC
 L60 48540 SEA ABB=ON PLU=ON ALUMINUM ALLOY AND CU/MAC
 L61 75222 SEA ABB=ON PLU=ON AL/MAC AND CU/MAC AND ALLOY#####
 L62 1034 SEA ABB=ON PLU=ON AL.CU/MF
 L63 1 SEA ABB=ON PLU=ON COPPER/CN
 L64 1 SEA ABB=ON PLU=ON ALUMINUM/CN

FILE 'HCAPLUS' ENTERED AT 15:31:19 ON 23 JAN 2008

L65 1 SEA ABB=ON PLU=ON L43 AND L59
 L66 1 SEA ABB=ON PLU=ON L43 AND L60
 L67 1 SEA ABB=ON PLU=ON L43 AND L61
 L68 1 SEA ABB=ON PLU=ON L43 AND L62
 L69 13 SEA ABB=ON PLU=ON L43 AND L63
 L70 10 SEA ABB=ON PLU=ON L43 AND L64

FILE 'STNGUIDE' ENTERED AT 15:31:51 ON 23 JAN 2008**FILE 'HCAPLUS' ENTERED AT 15:32:32 ON 23 JAN 2008**

L71 17 SEA ABB=ON PLU=ON (L65 OR L66 OR L67 OR L68 OR L69 OR L70) NOT L58

FILE 'STNGUIDE' ENTERED AT 15:32:33 ON 23 JAN 2008**FILE 'METADEX' ENTERED AT 15:38:39 ON 23 JAN 2008**

L72 2 SEA ABB=ON PLU=ON LASER#####(2A)SINTER##### AND SURFACE AND
 ELECTRIC#####(3A)(CONDUCT##### OR RESIST#####)

FILE 'STNGUIDE' ENTERED AT 15:39:18 ON 23 JAN 2008**FILE 'COMPENDEX' ENTERED AT 15:43:24 ON 23 JAN 2008**

L73 4 SEA ABB=ON PLU=ON LASER#####(2A)SINTER##### AND SURFACE AND
 ELECTRIC#####(3A)(CONDUCT##### OR RESIST#####)

FILE 'STNGUIDE' ENTERED AT 15:44:03 ON 23 JAN 2008**FILE 'COMPENDEX' ENTERED AT 15:45:59 ON 23 JAN 2008**

L74 26 SEA ABB=ON PLU=ON LASER#####(2A)SINTER##### AND SURFACE(3A) (
 ?STRUCTURE? OR ?PATTERN? OR ?FEATURE? OR ?BUMP?)

FILE 'STNGUIDE' ENTERED AT 15:46:39 ON 23 JAN 2008**FILE 'COMPENDEX' ENTERED AT 15:47:06 ON 23 JAN 2008**

L75 26 SEA ABB=ON PLU=ON L74 NOT L73
 L76 1 SEA ABB=ON PLU=ON L75 AND ELECTRIC#####
 L77 0 SEA ABB=ON PLU=ON L75 AND MAGNET
 L78 0 SEA ABB=ON PLU=ON L75 AND COIL
 L79 1 SEA ABB=ON PLU=ON L75 AND GRADIENT
 L80 2 SEA ABB=ON PLU=ON (L76 OR L77 OR L78 OR L79)

FILE 'STNGUIDE' ENTERED AT 15:47:46 ON 23 JAN 2008**FILE 'COMPENDEX' ENTERED AT 15:48:40 ON 23 JAN 2008**

L81 12 SEA ABB=ON PLU=ON L74 AND 744.9/CC
 L82 3 SEA ABB=ON PLU=ON L74 AND 536.1/CC
 L83 24 SEA ABB=ON PLU=ON L75 NOT L80
 L84 12 SEA ABB=ON PLU=ON (L81 OR L82)
 L85 10 SEA ABB=ON PLU=ON L83 AND L84

FILE 'HCAPLUS' ENTERED AT 16:09:04 ON 23 JAN 2008

E ZHU H, 2002/RE

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L88      1162 SEA ABB=ON  PLU=ON  ZHU H, 2002?/RE
L89      14  SEA ABB=ON  PLU=ON  L88 AND ?SINTER?
L90      47  SEA ABB=ON  PLU=ON  L88 AND ?LASER?
L91      155 SEA ABB=ON  PLU=ON  L88 AND METAL#####
L92      116 SEA ABB=ON  PLU=ON  L88 AND ELECTRIC#####
L93      59  SEA ABB=ON  PLU=ON  (L89 OR L90)
L94      13  SEA ABB=ON  PLU=ON  L93 AND L91
L95      8   SEA ABB=ON  PLU=ON  L93 AND L92
L96      19  SEA ABB=ON  PLU=ON  (L94 OR L95)
L97      SEL PLU=ON  L96 1- RN :      31 TERMS
L98      2645187 SEA ABB=ON  PLU=ON  L97
L99      18  SEA ABB=ON  PLU=ON  L96 AND L98
L100     19  SEA ABB=ON  PLU=ON  L96 OR L99
L101     4   SEA ABB=ON  PLU=ON  L100 AND SURFACE
L102     7   SEA ABB=ON  PLU=ON  L100 AND ?LAYER?
L103     5   SEA ABB=ON  PLU=ON  L100 AND MULTI
L104     0   SEA ABB=ON  PLU=ON  L100 AND MULTIPLE
L105     1   SEA ABB=ON  PLU=ON  L100 AND ?COAT?
L106     7   SEA ABB=ON  PLU=ON  L100 AND ?LAYER?
L107     12  SEA ABB=ON  PLU=ON  (L101 OR L102 OR L103 OR L104 OR L105 OR
      L106)

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10/586,895

FILE 'STNGUIDE' ENTERED AT 16:11:25 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 17:55:51 ON 23 JAN 2008

L108	9	SEA	ABB=ON	PLU=ON	TOLOCHKO N, 1996?/RE
L109	3	SEA	ABB=ON	PLU=ON	TUMER I, 1998?/RE
L110	12	SEA	ABB=ON	PLU=ON	(L108 OR L109)
L111	10	SEA	ABB=ON	PLU=ON	L110 AND ?SINTER?
L112	11	SEA	ABB=ON	PLU=ON	L110 AND ?LASER?
L113	9	SEA	ABB=ON	PLU=ON	L110 AND METAL?
L114	8	SEA	ABB=ON	PLU=ON	L110 AND SURFACE?
L115	11	SEA	ABB=ON	PLU=ON	(L111 OR L112 OR L113 OR L114)
					D BIB AB KWIC 1-11

10/586,895

FILE 'HCAPLUS' ENTERED AT 18:24:25 ON 23 JAN 2008
E US 4855102/RE
L116 4 SEA ABB=ON PLU=ON "US 4855102, 1989, OKADA"/RE

FILE 'STNGUIDE' ENTERED AT 18:24:32 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 18:24:50 ON 23 JAN 2008
E JP 6340901/RE
E JP 06340901/RE
L117 1 SEA ABB=ON PLU=ON "JP 06340901"/RE

FILE 'STNGUIDE' ENTERED AT 18:25:09 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 18:25:45 ON 23 JAN 2008
E JP 07030362/RE
E JP 7030362/RE

FILE 'STNGUIDE' ENTERED AT 18:26:01 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 18:26:19 ON 23 JAN 2008
E JP 63230802/RE

FILE 'STNGUIDE' ENTERED AT 18:26:25 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 18:26:51 ON 23 JAN 2008
L118 5 SEA ABB=ON PLU=ON (L116 OR L117)
D ALL TOT

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	eberler and kolbeck and schon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/23 14:02
L2	1	2005-533912.NRAN.	DERWENT	OR	OFF	2008/01/23 14:11
L3	5	"1148341"	DERWENT	OR	OFF	2008/01/23 14:14
L4	1	"6539611"	USPAT	OR	OFF	2008/01/23 14:19
L6	1	"20070035069"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/23 14:20
L7	1	2006-757829.NRAN.	DERWENT	OR	OFF	2008/01/23 14:21
L8	1	2006-757829.NRAN.	DERWENT	OR	OFF	2008/01/23 14:31
L9	5	"4309524"	DERWENT	OR	OFF	2008/01/23 14:31
L10	2	"10042132"	DERWENT	OR	OFF	2008/01/23 14:31
L11	7	L9 or L10	DERWENT	OR	OFF	2008/01/23 14:53
L13	14	L1 or L3 or L4 or L6 or L9 or L10 or L11	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/23 14:54
L14	1	L13 and (void or voidspace or pore or pored or porous or porosity)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 14:55